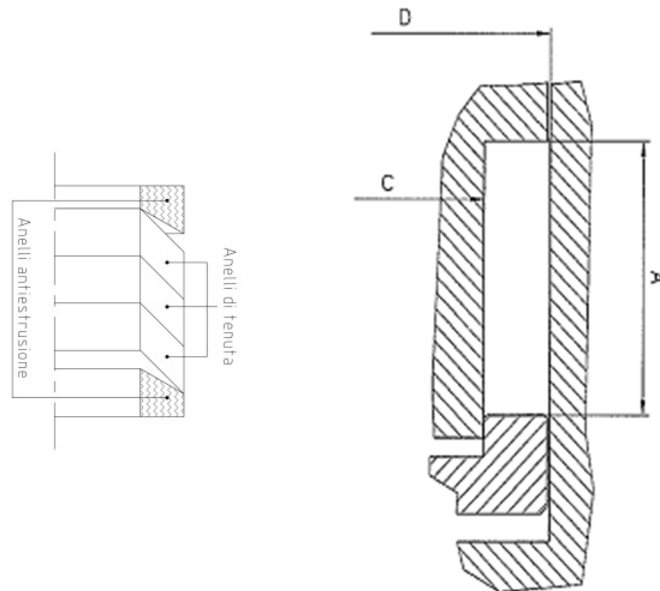


TECHNICAL DATA SHEET - CST 2251/01 - 30/10/2013

## Controller Back 1



### Composition

Flexible graphite sealing set

### Materials

Flexible graphite and A182 F316 as support (available other materials on demand)

### Features

Graphite sealing for Ball Valve Seats, suitable for **high temperature** applications. Controller Back 1 is designed to offer a compression of approximately 10-15% of the original height, ensuring great recovery.

### Main graphite's features

The flexible graphite can work in the whole pH range, at cryogenic temperature and at high temperatures. Be care to follow strictly some limitations or exclusions.

1. With weak oxidizers or hot air and combustion gases the temperature has to be lower than 450°C.
2. The maximum continuous working temperature is 600°C. The peak limit for short time can be 650°C.
3. The graphite can't work with strong oxidizers.
4. The metal support has to be designed according to the industrial fluids